

1c526 U.S. PTO
07/30/99

PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53 (b))

Attorney Docket No.	7480-PA1CP2
First Inventor or Application Identifier	J. Eric Berge et al.
Title	VACUUM PNEUMATIC SYSTEM FOR CONVEYANCE OF ICE
Express Mail Label No.	EM432835078US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	5. <input type="checkbox"/> Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/> Specification (preferred arrangement set forth below) [Total Pages 70] -Descriptive title of invention -Cross References to Related Applications -Statement Regarding Fed sponsored R & D -Reference to Microfiche Appendix -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claims(s) -Abstract of the Disclosure	6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies
3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 15]	
4. Oath or Declaration [Total Pages 4] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63 (d)) (for continuation/divisional with Box 16 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed Statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§1.63(d)(2) and 1.33(b)	

NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ACCOMPANYING APPLICATION PARTS

7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	
8. <input checked="" type="checkbox"/> 37 CFR §3.73(b) Statement (when there is an assignee)	<input checked="" type="checkbox"/> Power of Attorney
9. <input type="checkbox"/> English Translation Document (if applicable)	
10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input type="checkbox"/> Copies of IDS Citations
11. <input type="checkbox"/> Preliminary Amendment	
12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
13. <input type="checkbox"/> *Small Entity Statement(s) (PTO/SB/09-12)	<input type="checkbox"/> Statement filed in prior application, Status still proper and desired
14. <input type="checkbox"/> Certified copy of Priority Documents(s) (if foreign priority is claimed)	
15. <input type="checkbox"/> Other:	

16. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

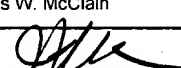
☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior Applications Nos 09/207,075 and 09/128,050

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

Name	BROWN, MARTIN, HALLER & McCLAIN, LLP				
Address	1660 UNION STREET				
City	SAN DIEGO, CALIFORNIA 92101-2926				
Country	USA	Telephone	(619) 238-0999	Fax	(619) 238-0062


Name (Print/Type)	James W. McClain	Registration No. (Attorney/Agent)	24,536
Signature		Date	July 30, 1999

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL <i>Note: Effective October 1, 1997 Patent fees are subject to annual revision.</i>		Complete if Known	
		Application Number	Not yet assigned
		Filing Date	Herewith
		First Named Inventor	J. Eric Berge et al.
		Group Art Unit	Unknown
		Examiner Name	Unknown
TOTAL AMOUNT OF PAYMENT	\$3886.00	Attorney Docket Number	7480-PA1CP2

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																																									
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number 02-4070 Deposit Account Name BROWN, MARTIN, HALLER & McCLAIN <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance <input checked="" type="checkbox"/> Payment Enclosed <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>L Entity Fee Code</th> <th>Large Entity Fee</th> <th>Sm Entity Fee Code</th> <th>Small Entity Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - Late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>Request for Reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply - 1st month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply - 2nd month</td><td></td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for reply - 3rd month</td><td></td></tr> <tr><td>118</td><td>1,510</td><td>218</td><td>755</td><td>Extension for reply - 4th month</td><td></td></tr> <tr><td>128</td><td>2,060</td><td>228</td><td>1,030</td><td>Extension for reply - 5th month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition for public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,320</td><td>241</td><td>660</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,320</td><td>242</td><td>660</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>450</td><td>243</td><td>225</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>670</td><td>244</td><td>335</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions for provisional</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Information Disclosure Statement</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording of Assignment (per property)</td><td>\$40.00</td></tr> <tr><td>146</td><td>790</td><td>246</td><td>395</td><td>Submission After Final Rejection</td><td></td></tr> <tr><td>149</td><td>790</td><td>249</td><td>395</td><td>Each additional invention to be examined</td><td></td></tr> <tr><td colspan="5">Other fee (specify) Advance Order - 10 Copies</td><td></td></tr> <tr><td colspan="5">Other fee (specify)</td><td></td></tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (3)</td> <td>\$40.00</td> </tr> </tbody> </table>						L Entity Fee Code	Large Entity Fee	Sm Entity Fee Code	Small Entity Fee	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - Late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	Request for Reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply - 1 st month		116	400	216	200	Extension for reply - 2 nd month		117	950	217	475	Extension for reply - 3 rd month		118	1,510	218	755	Extension for reply - 4 th month		128	2,060	228	1,030	Extension for reply - 5 th month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition for public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,320	241	660	Petition to revive - unintentional		142	1,320	242	660	Utility issue fee (or reissue)		143	450	243	225	Design issue fee		144	670	244	335	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions for provisional		126	240	126	240	Information Disclosure Statement		581	40	581	40	Recording of Assignment (per property)	\$40.00	146	790	246	395	Submission After Final Rejection		149	790	249	395	Each additional invention to be examined		Other fee (specify) Advance Order - 10 Copies						Other fee (specify)						SUBTOTAL (3)					\$40.00
L Entity Fee Code	Large Entity Fee	Sm Entity Fee Code	Small Entity Fee	Fee Description	Fee Paid																																																																																																																																																																																						
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																							
127	50	227	25	Surcharge - Late provisional filing fee or cover sheet																																																																																																																																																																																							
139	130	139	130	Non-English specification																																																																																																																																																																																							
147	2,520	147	2,520	Request for Reexamination																																																																																																																																																																																							
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																							
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																							
115	110	215	55	Extension for reply - 1 st month																																																																																																																																																																																							
116	400	216	200	Extension for reply - 2 nd month																																																																																																																																																																																							
117	950	217	475	Extension for reply - 3 rd month																																																																																																																																																																																							
118	1,510	218	755	Extension for reply - 4 th month																																																																																																																																																																																							
128	2,060	228	1,030	Extension for reply - 5 th month																																																																																																																																																																																							
119	310	219	155	Notice of Appeal																																																																																																																																																																																							
120	310	220	155	Filing a brief in support of appeal																																																																																																																																																																																							
121	270	221	135	Request for oral hearing																																																																																																																																																																																							
138	1,510	138	1,510	Petition for public use proceeding																																																																																																																																																																																							
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																							
141	1,320	241	660	Petition to revive - unintentional																																																																																																																																																																																							
142	1,320	242	660	Utility issue fee (or reissue)																																																																																																																																																																																							
143	450	243	225	Design issue fee																																																																																																																																																																																							
144	670	244	335	Plant issue fee																																																																																																																																																																																							
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																							
123	50	123	50	Petitions for provisional																																																																																																																																																																																							
126	240	126	240	Information Disclosure Statement																																																																																																																																																																																							
581	40	581	40	Recording of Assignment (per property)	\$40.00																																																																																																																																																																																						
146	790	246	395	Submission After Final Rejection																																																																																																																																																																																							
149	790	249	395	Each additional invention to be examined																																																																																																																																																																																							
Other fee (specify) Advance Order - 10 Copies																																																																																																																																																																																											
Other fee (specify)																																																																																																																																																																																											
SUBTOTAL (3)					\$40.00																																																																																																																																																																																						
FEE CALCULATION 1. FILING FEE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Large Entity Fee</th> <th>Small Fee Code</th> <th>Small Entity Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>760</td><td>201</td><td>380</td><td>Utility</td><td>\$760</td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design</td><td></td></tr> <tr><td>107</td><td>540</td><td>207</td><td>270</td><td>Plant</td><td></td></tr> <tr><td>108</td><td>790</td><td>208</td><td>395</td><td>Reissue</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional</td><td></td></tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (1)</td> <td>\$760</td> </tr> </tbody> </table> 2. CLAIMS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>177</td> <td>-20=</td> <td>22</td> <td>157 = \$2826</td> </tr> <tr> <td>Independent 2</td> <td>-3=</td> <td>0</td> <td></td> </tr> <tr> <td>Mult. Dep. 14</td> <td></td> <td></td> <td>260</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Large Entity Fee</th> <th>Small Fee Code</th> <th>Small Entity Fee</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>82</td><td>202</td><td>41</td><td>Ind. claims excess of 3</td></tr> <tr><td>104</td><td>260</td><td>204</td><td>130</td><td>Mult dependent claim</td></tr> <tr><td>109</td><td>82</td><td>209</td><td>41</td><td>Reissue ind. claims over original patent</td></tr> <tr><td>110</td><td>22</td><td>210</td><td>11</td><td>Reissue claims in excess of 20 over orig.</td></tr> <tr> <td colspan="5" style="text-align: right;">SUBTOTAL (2)</td> <td>\$3086</td> </tr> </tbody> </table>		Large Fee Code	Large Entity Fee	Small Fee Code	Small Entity Fee	Fee Description	Fee Paid	101	760	201	380	Utility	\$760	106	330	206	165	Design		107	540	207	270	Plant		108	790	208	395	Reissue		114	150	214	75	Provisional		SUBTOTAL (1)					\$760	Total Claims	Extra	Fee	Fee Paid	177	-20=	22	157 = \$2826	Independent 2	-3=	0		Mult. Dep. 14			260	Large Fee Code	Large Entity Fee	Small Fee Code	Small Entity Fee	Fee Description	103	18	203	9	Claims in excess of 20	102	82	202	41	Ind. claims excess of 3	104	260	204	130	Mult dependent claim	109	82	209	41	Reissue ind. claims over original patent	110	22	210	11	Reissue claims in excess of 20 over orig.	SUBTOTAL (2)					\$3086																																																																																												
Large Fee Code	Large Entity Fee	Small Fee Code	Small Entity Fee	Fee Description	Fee Paid																																																																																																																																																																																						
101	760	201	380	Utility	\$760																																																																																																																																																																																						
106	330	206	165	Design																																																																																																																																																																																							
107	540	207	270	Plant																																																																																																																																																																																							
108	790	208	395	Reissue																																																																																																																																																																																							
114	150	214	75	Provisional																																																																																																																																																																																							
SUBTOTAL (1)					\$760																																																																																																																																																																																						
Total Claims	Extra	Fee	Fee Paid																																																																																																																																																																																								
177	-20=	22	157 = \$2826																																																																																																																																																																																								
Independent 2	-3=	0																																																																																																																																																																																									
Mult. Dep. 14			260																																																																																																																																																																																								
Large Fee Code	Large Entity Fee	Small Fee Code	Small Entity Fee	Fee Description																																																																																																																																																																																							
103	18	203	9	Claims in excess of 20																																																																																																																																																																																							
102	82	202	41	Ind. claims excess of 3																																																																																																																																																																																							
104	260	204	130	Mult dependent claim																																																																																																																																																																																							
109	82	209	41	Reissue ind. claims over original patent																																																																																																																																																																																							
110	22	210	11	Reissue claims in excess of 20 over orig.																																																																																																																																																																																							
SUBTOTAL (2)					\$3086																																																																																																																																																																																						

* Reduced by Basic Filing Fee Paid

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	James W. McClain	Reg. Number	24,536
Signature		Date	July 30, 1999
		Deposit Account User ID	02-4070